

MONTANA DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION

WATER RESOURCES DIVISION - STATE WATER PROJECTS BUREAU

February 28, 2009

All Contents in Acre-Feet

RESERVOIR	CAPACITY*	CONTENTS				% CAPACITY 2/28/2009	%AVERAGE 2/28/2009	Reading Date	COMMENTS
		AVERAGE 1960 - 2008	Last Year 2/28/2008	Last Month 1/31/2009	PRESENT 2/28/2009				
	Full Pool								
	Contents								
ACKLEY	6,140	3,188	2,172	1,511	1,511	25	47	2/28/09	volume estimated
BAIR	7,300	3,879	1,583	2,318	2,415	33	62	2/24/09	from M. Norberg (sd=300.5' to ice) el.=5298.9
CATARACT	1,478	378	310	330	330	22	87	2/28/09	volume estimated
COONEY	28,230	18,658	17,170	18,778	19,286	68	103	2/19/09	from J. Krook el.=4239.6 (19,196 AF)
COTTONWOOD	1,900	519	239	1,056	1,056	56	203	2/28/09	volume estimated
DEADMAN'S BASIN	75,968	45,147	26,061	42,413	45,712	60	101	2/24/09	from M. Norberg (sd=290.5, to ice) el.=3905.2
E.F. ROCK CREEK	16,040	8,622	10,160	11,140	11,504	72	133	2/28/09	from data logger el.=6043.1
FRENCHMAN	2,777	650	650	1,556	1,556	56	239	2/28/09	volume estimated
MARTINSDALE	23,348	8,182	0	6,577	6,767	29	83	2/24/09	from M. Norberg (sd=263.5, to ice) el.=4756.4
MIDDLE CREEK	10,184	6,060	6,441	6,469	6,469	64	107	2/28/09	volume estimated
NEVADA CREEK	11,207	5,417	4,710	8,022	8,222	73	152	2/27/09	from R. Hawkins (sd=91') el.=4607.34
NILAN	10,992	6,287	6,055	8,626	9,084	83	144	3/3/09	from J. Beck (8184 AF) el.=4428.71
N.FK. SMITH RIVER	11,406	6,171	5,083	7,057	7,373	65	119	2/24/09	from M. Norberg (sd=136.5' to ice) el.=5474.6
RUBY RIVER	36,633	26,808	26,023	24,830	28,530	78	106	2/28/09	volume estimated
TONGUE RIVER	79,071	40,358	51,244	57,587	60,020	76	149	2/28/09	from data logger el.=3422.8
W.F. BITTERROOT	32,362	5,437	8,810	9,109	8,866	27	163	3/1/09	from A. Pernichele el.=4673.1
WILLOW CREEK	18,000	14,276	11,957	13,858	14,000	78	98	2/28/09	volume estimated
YELLOWATER	3,842	874	600	1,450	1,450	38	166	2/28/09	volume estimated

* Note: Reservoir contents include dead storage at the following:

Ackley	325 AF	**	** O&M slope storage table does not include dead storage (so dead storage has to be added into the storage from the table)
Cooney	90 AF	**	Tongue River 711 AF (O&M storage table includes dead storage)
Deadman's	3750 AF	**	W. F. Bitterroot 656 AF (O&M storage table includes dead storage)
Nilan	900 AF	**	Willow Creek 269 AF (O&M storage table includes dead storage)

* Note: Cooney capacity reflects capacity after 1982 dam rehabilitation; prior capacity was 24,195 A.F.. Average storage shown is for post rehabilitation data.

* Note: Middle Creek capacity reflects capacity after 1993 dam rehabilitation; prior capacity was 8,027 A.F.. Average storage shown is for post rehabilitation data.

* Note: Nevada Creek Reservoir Capacity reflects live storage capacity survey conducted in year 2000. Prior live storage capacity documented as 12,723 AF.

* Note: Ruby River capacity reflects capacity at concrete crest elevation; capacity at top of flashboards is 37,612 A.F.

* Note: Tongue River capacity reflects capacity after 1999 dam rehabilitation; prior capacity was 68,040 A.F.. Average storage is post rehabilitation data.

* Note: Frenchman Reservoir capacity tables updated based on aerial survey; prior capacity was 3752 A.F. Average shown is pre aerial survey